

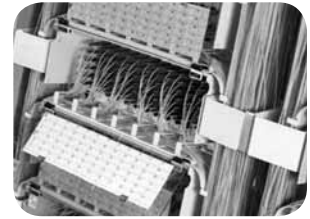


LSX Optical Distribution Frame

Introduction

Frame

ADC's LSX solution is designed to fit a variety of termination, splice and storage applications. Each frame option is built to industry standards to ensure commonality with patch cord routing, slack storage and fiber protection. The frame is shipped complete with front cable management, top and bottom troughs.



Termination Panel

The LSX termination panel is available with multiple adapters in configurations of 72, 96, 144 and higher and can be ordered with adapters only or preterminated with either intrafacility (IFC), outside plant (OSP) cables or pigtails for ease of installation.

Splice Panel

ADC's splice panel protects splices of multiple splice types.

Value-Added Module (VAM) Chassis

Adding signal management and enhancement functions, such as splitters, couplers and wavelength division multiplexers, optimizes the value of your fiber network, by providing nonintrusive access to the optical signal for monitoring and testing signal integrity. The LGX® compatible VAM chassis accommodates various splitter and WDM modules.

Product Overview

Recommended applications	Small to medium fiber count applications. Minimal cable management features. Lowest cost solution.
Description	LGX* compatible
Number of fibers, future growth potential	Up to 5,000
Interconnect	Good
Cross-connect	Good, no rear cable management
Accommodates on-frame splicing	Good
Accommodates off-frame splicing	Good
Rear access	Must have full access to front and rear
Density – terminations per frame	1,008 terminations per frame
Front access to rear connector	No
VAM capabilities	Yes
Slack storage location	Utilizes drip loop method
Connector access	Straight adapter

*LGX is a registered trademark of Furukawa Electric North America.



LSX Optical Distribution Frame

Things to Consider When Ordering

How to Order

Main Components of the LSX Frame

Catalog Number Quantity

1) Select desired Frame

– High-Density LSX 288 Frame – Page 71-73

– Traditional LSX Universal Frame – Page 74

2) Select desired Fiber Termination Panels

– Preterminated Fiber Termination Panels with
Multifiber Cable-IFC – Page 75

– Adapter-Only Fiber Termination Panels – Page 76

– Preterminated Fiber Termination/Splice Panels – Page 77

Optional Equipment

3) Value-Added Module (VAM) Chassis – Page 80

4) Frame Installation Kit – Pages 81 - 82

5) Interbay Management Panel – Page 83

6) End Guard – Page 83

7) AC Outlet Kit and Raceway – Page 84

8) Rack Extenders – Page 84

9) Cable Clamp Kit – Page 85

10) Cable Ring Kit – Page 85

11) Patch Cord/In-Line Attenuator – Pages 103 - 108*

Use the following frames for applications requiring high density panels (288 terminations):

	12" D Footprint			15" D Footprint		
	Rack	Interbay Panel	End Guard	Rack	Interbay Pnl	End Guard
7' Racks	PWUEF-7ER1N	E-501-L139	UEGP-7PW	RAC-7A0160	E-501-L139-HD	RAC-7B0162
8' Racks	PWUEF-8ER1N	E-501-L201	UEGP-8PW	RAC-8A0010	N/A	RAC-0B0208
9' Racks	PWUEF-9ER1N	E-501-L142	UEGP-9PW	RAC-9A0465	E-501-L627	RAC-9B0209
11' 6" Racks	PWUEF-115ER1N	E-501-L143	UEGP-115PW	RAC-1A0466	N/A	RAC-1B0210

*See page 85 for standard cross-connect patch cord lengths.



LSX Optical Distribution Frame

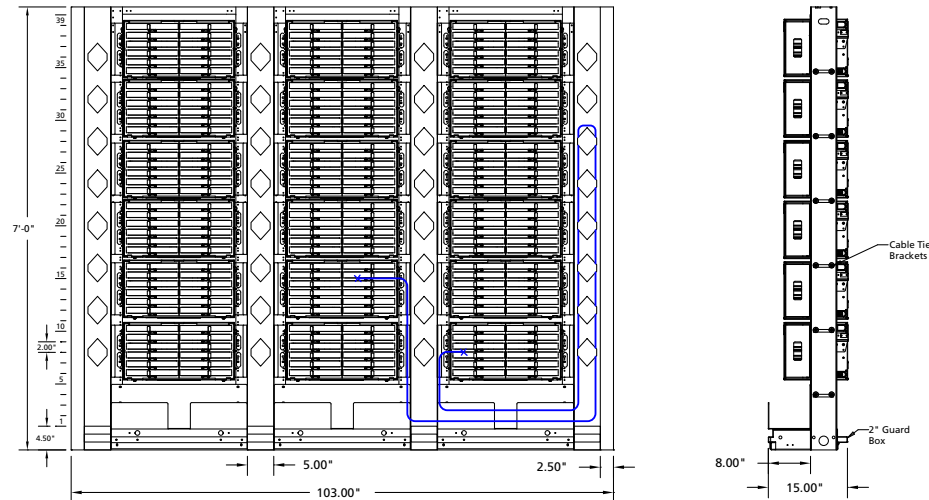
High-Density Distribution Frame Solution (using 288-Termination-Only panel)

Density Recommendations

Panels/Frame	Terminations/Frame	Recommended Maximum Frame Lineup	Patch Cord Diameter
5	1,440	4 frames (5,760 terminations)	2.0 mm
6	1,728	3 frames (5,184 terminations)	1.7 mm

Recommended Patch Cord Lengths

Number of Frames	Approximate Patch Cord Length
1	5 m (16.4')
2	6 m (19.7')
3	6 m (19.7')
4	7 m (23')



ADC's recommended fiber frame lineup uses three frames with 1.7 mm fiber jumpers to maintain the industry standard 2-inch patch cord pile-up

The preterminated LSX-288 solution utilizes a traditional frame designed to fit a variety of termination, splice and storage applications. This front load frame is built to ensure commonality with patch cord routing, slack storage and fiber protection. Available accessories include panels, lower trough, interbay management panels (IMPs) and end guards.

Ordering Information

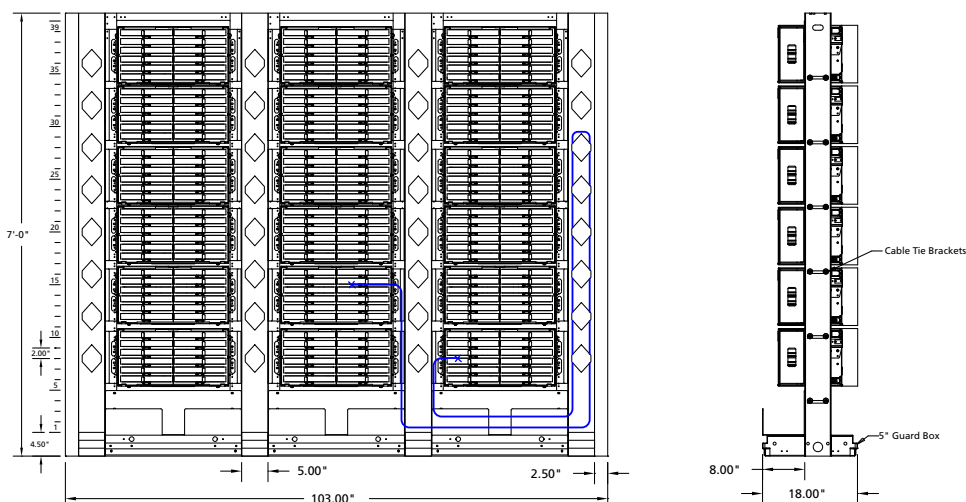
Description	Dimensions (H x W x D)	Catalog Number
Empty Rack-WECO 7" network non-seismic rack, front 8"D GB, (39) 2.00" WECO mtg. spaces	660 mm x 381 mm (26" x 15")	RAC-7A0160
Lower horizontal cable trough	203.2 mm x 203.2 mm (8" x 8")	E-501-11115
15"D Interbay Management Panel, 8"D spools, overhead/under floor access	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
15"D End Guard-Universal-style end guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162

Panel ordering information can be found on pages 75-79.



LSX Optical Distribution Frames

High-Density Distribution Frame Solution (using 288-Termination/Splice panel)



ADC's recommended fiber frame lineup uses three frames with 1.7 mm fiber jumpers to maintain the industry standard 2-inch patch cord pile-up

The termination and splice LSX-288 solution utilizes a traditional frame designed to fit a variety of termination, splice and storage applications. This front load frame is built to ensure commonality with patch cord routing, slack storage and fiber protection. Available accessories include panels, lower trough, interbay management panels (IMPs) and end guards.

Ordering Information

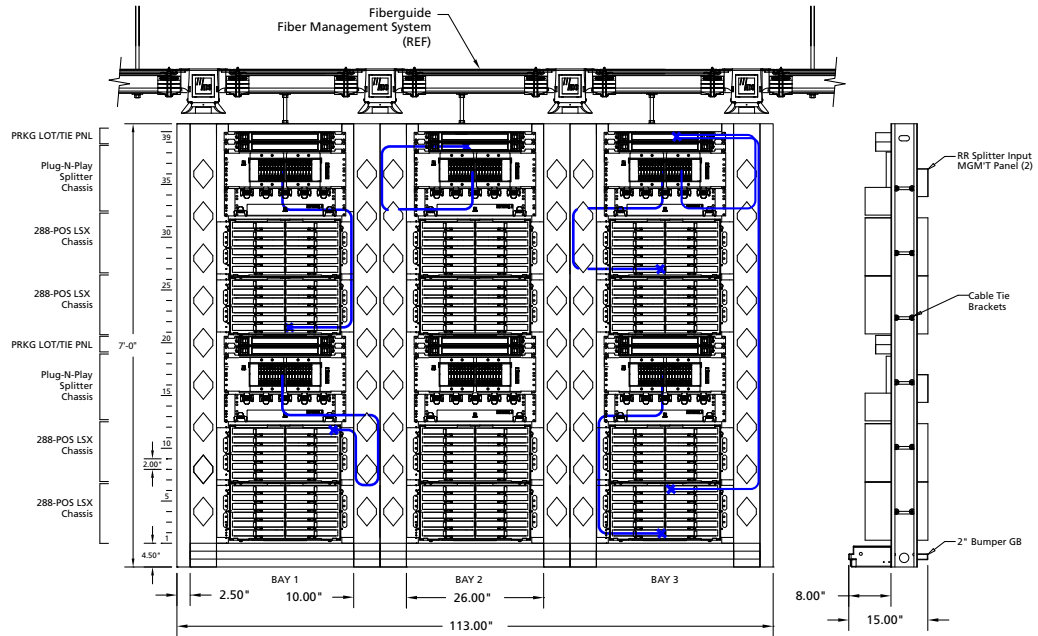
Description	Dimensions (H x W x D)	Catalog Number
Empty Rack-WECO 7' network non-seismic rack, front 8"D GB, (39) 2.00" WECO mtg. spaces	2.1 m x 660 mm x 381 mm (7' x 26" x 15")	RAC-7A0160
Lower horizontal cable trough	203.2 mm x 203.2 mm (8" W x 8" D)	E-501-11115
5"D x 26"W Rear Guard Box	660 mm x 127 mm (26" W x 5" D)	RAC-0X0439
15"D Interbay Management Panel, 8"D spools, overhead/under floor access	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
5" Rear Guard Box	127 mm x 127 mm (5" W x 5" D)	RAC-0X0440
15"D End Guard-Universal-style end guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162
3" Universal End Guard Extender	2.1 m x 64 mm x 76 mm (7' x 2.5" x 3")	E-501-12002



LSX Optical Distribution Frames

Homerun Splitter Solution (using 288-position panel)

ADC's homerun splitter solution incorporates the LSX 288-position distribution panel along with plug and play splitter modules for central office/headend splitting. Able to effectively manage 1,152 homes within a seven-foot frame, this solution offers excellent density with ADC's built-in cable management. In addition, these same plug and play splitter modules are commonly used within ADC's outdoor Fiber Distribution Hubs (FDHs), allowing for easy-to-manage inventory with one splitter type versatile enough for both inside and outside environments.



Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
Empty Rack-WECO – 7" network non-seismic rack, front 8"D GB, (39) 2.00" WECO mtg. spaces	2.14 m x 660 mm x 381 mm (7' x 26" x 15")	RAC-7A0160
15" D Interbay Management Panel	2.1 m x 127 mm x 381 mm (7' x 5" x 15")	E-501-L139-HD
15" D Universal-Style End Guard	2.1 m x 64 mm x 381 mm (7' x 2.5" x 15")	RAC-7B0162
Plug-and-Play Splitter Chassis and Accessories		
Rack Mount Chassis and Management Kit – 24-position rack mount splitter chassis. Front and rear cable management	311.15 mm x 482/584 mm (12.25" x 19"/23")	FPS-MPPRACKMTKT
SC/APC PNP 1x32 Splitter – Mini PNP splitter module plug-in. Single 1x32 standard, 54" pigtail length		FPS-MPP1AJJ
32-Position Tie Panel – 1.75" H term-only panel with SC/APC adapters	44.45 mm x 482/584 mm (1.75" x 19"/23")	FMT-DRT0J0A00-A32P
Parking Lot 1.75" H for pigtail parking	44.45 mm x 482/584 mm (1.75" x 19"/23")	FMT-DPK000000-A00P
19"/23" 2 RU Parking Lot	89 mm x 482/584 mm (3.5" x 19"/23")	ACE-ACC200-PKLT3

LSX 288 termination/splice applications require guard box and end guard extenders. See termination/splice ordering information on page 72 for details.

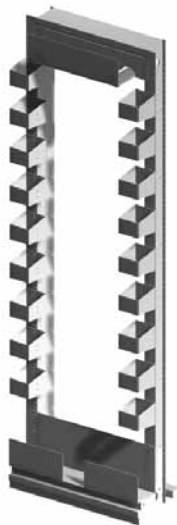
Other configurations are available upon request. Please contact ADC Technical Assistance Center.



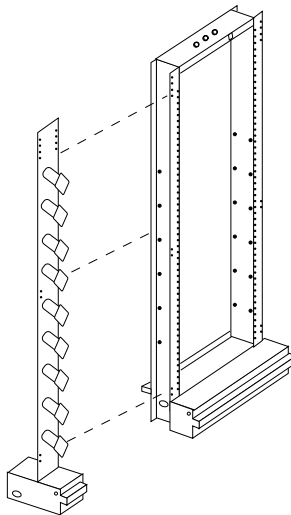
LSX Optical Distribution Frames

Traditional LSX Universal Fiber Distributing Frame Solution

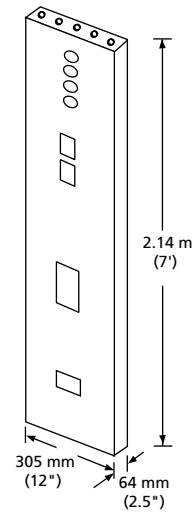
The traditional LSX universal frame provides the framework for managing a cross-connect or interconnect fiber system. **Use this frame for applications requiring lower density panels (12-144 terminations).**



E-501-LGX
(Includes Cable Rings)



E-501-L139-A



UEGP-7PW

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Traditional LSX universal frame; Putty white (Include anchor bolts for concrete floors)	2.14 m x 584 mm x 305 mm (7' x 23" x 12")	E-501-LGX
Interbay management panel (IMP)	2.14 m x 127 mm x 305 mm (7' x 5" x 12")	E-501-L139-A
End Guard (mounts on an IMP or network frame)	2.14 m x 64 mm x 305 mm (7' x 2.5" x 12")	UEGP-7PW

Definition of Variables *(Please find the Ordering Information on the next page)*

1	Connector and Adapter Type #1 Specific adapter/connector type required at the LSX
2	Connector Type #2 Specific connector type required at the far end opposite the LSX
3	Cable Type Type of cable to be terminated to the LSX
4	Cable Length Required length of the cable terminated to the LSX

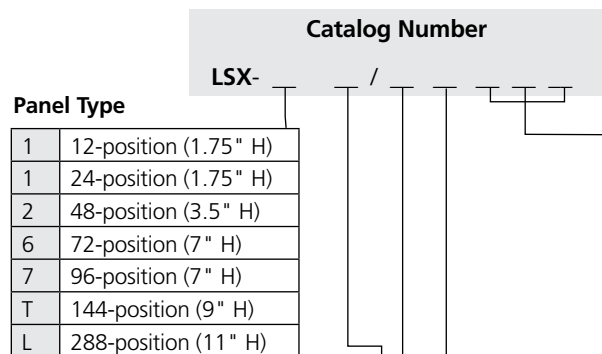


LSX Optical Distribution Frame

Preterminated Fiber Termination Panels with Multifiber Cable

The LSX panel can be loaded with intrafacility cable (IFC). The panel adapts to 19- or 23-inch rack mounting, WECO or EIA spacing. The 288-position panel can only be mounted in a 23-inch rack.

4 / 1 1 • 1 0 3 7 4 2 A E Optical Distribution Frames



Connector and Adapter Type #1

Singlemode	
7	SC ultra polish
L	SC angled polish
2	FC ultra polish
K	LC ultra polish (144 and 288 only) ³
M	LC angled polish (144 and 288 only) ³
Multimode (50/125 µm) Aqua	
T	SC
C	LC (144 and 288 only) ³

Connector and Adapter Type #2

Singlemode	
0	No connector/stub end
7	SC ultra polish
L	SC angled polish
2	FC ultra polish
K	LC ultra polish
M	LC angled polish
Multimode (50/125 µm) Aqua	
0	No connector/stub end
T	SC
C	LC

¹ Panels using ADC's standard cable offering have a shorter lead time than panels using a specific cable manufacturer. ADC only provides GR-409 compliant cable that meets or exceeds our high quality standards. House cable vendors include Alcatel, Berk-Tek, Corning, and Prysmian.

² Standard cable exit direction is upward.

³ LC does not double the density of the LSX panel.

⁴ All OSP cables are dielectric.

⁵ See pages 97-98 to configure breakout kits for configuration using stubbed IFC ribbon cable.

⁶ See pages 94-95 to configure Ribbon Central Tube breakout kits.

Other configurations are available upon request. Please contact ADC Technical Assistance Center.

Cable Length¹

Standard Single-Ended	
016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')
077	77 m (250')
092	92 m (300')
122	122 m (400')
153	153 m (500')
Non-Standard	
XXX	Use XXX for length in meters

Cable Type²

Singlemode IFC Riser	
HD	12-fiber stranded
HC	12-fiber ribbon ⁵
HB	24-fiber stranded
HA	24-fiber ribbon ⁵
2	48-fiber stranded
JA	48-fiber ribbon ⁵
ZB	72-fiber stranded
DS	72-fiber ribbon ⁵
ZC	96-fiber stranded
LA	96-fiber ribbon ⁵
ZD	144-fiber stranded
LH	144-fiber ribbon ⁵
WB	288-fiber stranded (2x144-fiber)
WA	288-fiber ribbon (2x144-fiber)
Multimode (50/125 µm) LOMMF 300 m	
VL	96-fiber stranded
VM	144-fiber stranded
VR	288-fiber stranded (2x144-fiber)
OSP ⁴	
HG	12-fiber stranded
HK	12-fiber ribbon ⁶
HH	24-fiber stranded
HL	24-fiber ribbon ⁶
HJ	48-fiber stranded
HM	48-fiber ribbon ⁶
T5	72-fiber stranded
GE	72-fiber ribbon ⁶
T6	96-fiber stranded
GA	96-fiber ribbon ⁶
T7	144-fiber stranded
GT	144-fiber ribbon ⁶
WD	288-fiber stranded (2x144-fiber)
WC	288-fiber ribbon (2x144-fiber) ⁶

Traditional Frame Solutions



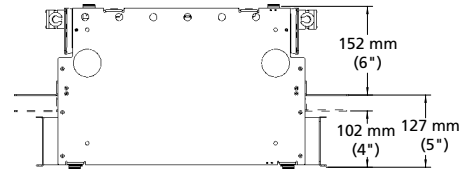
LSX Optical Distribution Frame

Adapter-Only Fiber Termination Panels

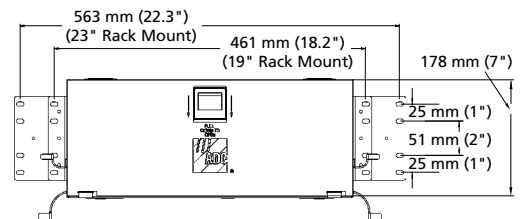
The LSX panel has the same mounting dimensions as an LGX® compatible panel.

Ordering Information

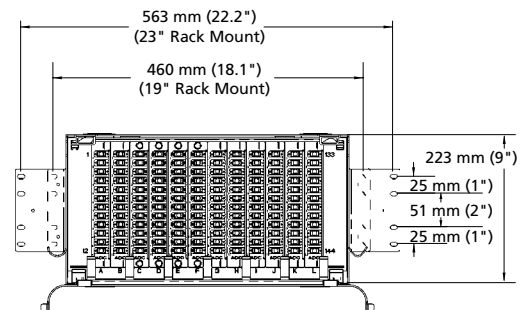
Number of Terminations	Adapter Type	Catalog Number
12 44 mm (1.75") height	Singlemode	
	SC ultra polish	LSX-170000-12
	SC angled polish	LSX-1L0000-12
	FC ultra polish	LSX-120000-12
	Multimode (50/125 µm) Aqua	
	SC	LSX-1T0000-12
24 44 mm (1.75") height	Singlemode	
	SC ultra polish	LSX-170000
	SC angled polish	LSX-1L0000
	FC ultra polish	LSX-120000
	Multimode (50/125 µm) Aqua	
	SC	LSX-1T0000
48 89 mm (3.5") height	Singlemode	
	SC ultra polish	LSX-270000
	SC angled polish	LSX-2L0000
	FC ultra polish	LSX-220000
	Multimode (50/125 µm) Aqua	
	SC	LSX-2T0000
72 178 mm (7") height	Singlemode	
	SC ultra polish	LSX-670000
	SC angled polish	LSX-6L0000
	FC ultra polish	LSX-620000
	Multimode (50/125 µm) Aqua	
	SC	LSX-6T0000
96 178 mm (7") height	Singlemode	
	SC ultra polish	LSX-770000
	SC angled polish	LSX-7L0000
	FC ultra polish	LSX-720000
	Multimode (50/125 µm) Aqua	
	SC	LSX-7T0000
144 228 mm (9") height	Singlemode	
	SC ultra polish	LSX-T70000
	SC angled polish	LSX-TL0000
	FC ultra polish	LSX-T20000
	LC ultra polish ¹	LSX-TK0000
	LC angled polish ¹	LSX-TM0000
	Multimode (50/125 µm) Aqua	
	SC	LSX-TT0000
	LC ¹	LSX-TC0000



LSX Panel
(Top View)



72- or 96-Position Panel
(Front View)



144-Position Panel
(Front View)

288
279 mm
(11") height

Singlemode	
SC ultra polish	LSX-L70000
SC angled polish	LSX-LL0000
FC ultra polish	LSX-L20000
LC ultra polish ¹	LSX-LK0000
LC angled polish ¹	LSX-LM0000
Multimode (50/125 µm) Aqua	
SC	LSX-LT0000
LC ¹	LSX-LC0000

¹ LC Connectors do not double the density of the LSX panel



LSX Optical Distribution Frame

Preterminated Fiber Termination/Splice Panels with Pigtails

LSX preterminated fiber termination/splice panels are available with a splicing area integrated into the panel. The 12-, 24-, and 48-position panels are 12-inches deep. The 72-, 96-, 144-, and 288-position panels are 15-inches deep. These panels include a rear flip-down splicing compartment. The panels can be ordered with 12-fiber ribbon or 12-fiber stranded pigtails.



72-Position Termination/Splice Panel

Ordering Information

Number of Terminations	Adapter Type	Loaded with 12-Fiber Ribbon Pigtails	Loaded with 12-Fiber Stranded Pigtails
12 44 mm (1.75") height 12" deep	Singlemode		
	SC ultra polish	LSX-175013-A-SPL	LSX-171012-A-SPL
	SC angled polish	LSX-1L5013-A-SPL	LSX-1L1012-A-SPL
	FC ultra polish	LSX-125013-A-SPL	LSX-121012-A-SPL
	Multimode (50/125 μm) Aqua		
	SC	N/A	LSX-1T1012-A-SPL ²
24 44 mm (1.75") height 12" deep	Singlemode		
	SC ultra polish	LSX-175023-A-SPL	LSX-171022-A-SPL
	SC angled polish	LSX-1L5023-A-SPL	LSX-1L1022-A-SPL
	FC ultra polish	LSX-125023-A-SPL	LSX-121022-A-SPL
	Multimode (50/125 μm) Aqua		
	SC	N/A	LSX-1T1022-A-SPL ²
48 89 mm (5.25") height 12" deep	Singlemode		
	SC ultra polish	LSX-375043-A-SPL	LSX-371042-A-SPL
	SC angled polish	LSX-3L5043-A-SPL	LSX-3L1042-A-SPL
	FC ultra polish	LSX-325043-A-SPL	LSX-321042-A-SPL
	Multimode (50/125 μm) Aqua		
	SC	N/A	LSX-3T1042-A-SPL ²
72 178 mm (7") height 15" deep	Singlemode		
	SC ultra polish	LSX-675063-A-SPL	LSX-671062-A-SPL
	SC angled polish	LSX-6L5063-A-SPL	LSX-6L1062-A-SPL
	FC ultra polish	LSX-625063-A-SPL	LSX-621062-A-SPL
	Multimode (50/125 μm) Aqua		
	SC	N/A	LSX-6T1062-A-SPL ²
96 178 mm (7") height 15" deep	Singlemode		
	SC ultra polish	LSX-775083-A-SPL	LSX-771082-A-SPL
	SC angled polish	LSX-7L5083-A-SPL	LSX-7L1082-A-SPL
	FC ultra polish	LSX-725083-A-SPL	LSX-721082-A-SPL
	Multimode (50/125 μm) Aqua		
	SC	N/A	LSX-7T1082-A-SPL ²

Continued on next page.



LSX Optical Distribution Frame

Preterminated Fiber Termination/Splice Panels with Pigtails (continued)

Ordering Information

Number of Terminations	Adapter Type	Loaded with 12-Fiber Ribbon Pigtails	Loaded with 12-Fiber Stranded Pigtails
144 228 mm (9") height 15" deep	Singlemode		
	SC ultra polish	LSX-T75123-A-SPL	LSX-T71122-A-SPL
	SC angled polish	LSX-TL5123-A-SPL	LSX-TL1122-A-SPL
	FC ultra polish	LSX-T25123-A-SPL	LSX-T21122-A-SPL
	LC ultra polish ¹	LSX-TK25123-A-SPL	LSX-TK1122-A-SPL
	LC angled polish ¹	LSX-TM25123-A-SPL	LSX-TM1122-A-SPL
	Multimode (50/125 µm) Aqua		
	SC	N/A	LSX-TT1122-A-SPL ²
	LC ¹	N/A	LSX-TC1122-A-SPL ²
288* 279 mm (11") height 15" deep	Singlemode		
	SC ultra polish	LSX-L75243-A-SPL	LSX-L71242-A-SPL
	SC angled polish	LSX-LL5243-A-SPL	LSX-LL1242-A-SPL
	LC ultra polish ¹	LSX-LK5243-A-SPL	LSX-LK1242-A-SPL
	LC angled polish ¹	LSX-LM5243-A-SPL	LSX-LM1242-A-SPL
	Multimode (50/125 µm) Aqua		
	SC	N/A	LSX-LT1242-A-SPL ²
	LC ¹	N/A	LSX-LC1242-A-SPL ²

¹ LC Connectors do not double the density of the LSX panel

² Loaded with 12-fiber laser optimized (300 m) multimode pigtails.

*288 Termination /splice panel does not fit 19-inch frames. For 23-inch frames only.

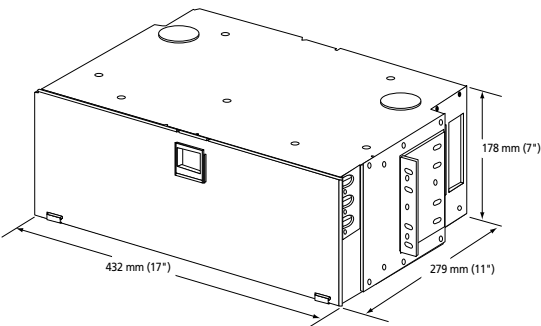


LSX Optical Distribution Frame

Splice Panels

The LSX splice panel has the same mounting dimensions as LGX® compatible panels and consists of six drawers, designation labels and a cover. Maximum splice capacity is 144 when splicing individual stranded fibers or 432 fibers when using ribbon fiber and mass fusion splicing. **The LSX splice panel requires F3DF splice trays.** Each drawer holds twenty-four 900 micron pigtails or twelve 3.0 mm pigtails. Pigtails and cable enter and exit through access ports in the rear of the panel.

Vertical cable guides must be ordered along with the LSX splice panel unless it is mounted into a frame that includes vertical cable guides. If needed, cable clamp kit must be ordered separately (see page 85).



Splice Panel
Shown without Vertical Cable Guides
Ordered Separately
(Front View)

Ordering Information

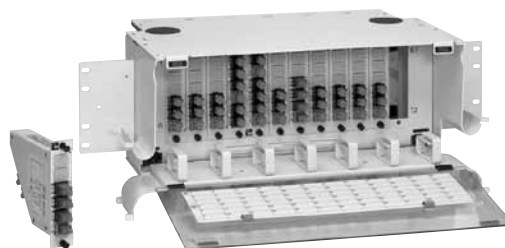
Description	Catalog Number
LSX splice panel; 483 mm or 584 mm (19" or 23") rack mount	LSX-SPLCA06



LSX Optical Distribution Frame

LGX® Compatible Value-Added Module (VAM) Chassis

The 7-inch LGX® compatible VAM chassis is designed to fit into any open chassis location within new or existing LGX compatible fiber frames. It can accommodate a maximum of 12 plug-in modules, 12 bulkhead plates, 12 blank plates, or any combination thereof. The mounting slots are oriented vertically.

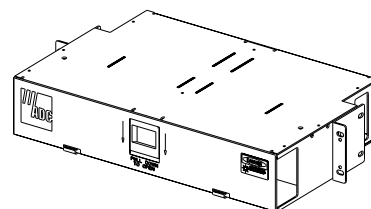


VAM Chassis
(FVM-VLM19X700-W)

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
7" LGX compatible VAM chassis, unloaded, white; VAMs mount vertically; accommodates up to 12 single modules	178 mm x 483 mm/584 mm x 279 mm (7" x 19"/23" x 11")	FVM-VLM19X700-W
9" LGX compatible VAM chassis, unloaded, accommodates (4) 1x32 splitter module	229 mm x 483 mm/584 mm x 279 mm (9" x 19"/23" x 11")	FVM-VLM-19X900-W

The 3.5-inch LGX compatible VAM chassis is designed to fit into any 19- or 23-inch environment. It can accommodate a maximum of 4 plug-in modules, 4 bulkhead plates, 4 blank plates or any combination thereof. The mounting slots are oriented horizontally to allow standard LGX compatible plug-in modules to be used while maximizing density and minimizing rack space allotment.



FVM-LGX19X350-W

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
3.5" LGX compatible VAM chassis, unloaded, white; VAMs mount horizontally; accommodates up to 4 single modules	89 mm x 477 mm x 279 mm (3.5" x 18.8" x 11")	FVM-LGX19X350-W

Value-Added Module (VAM) System

ADC offers an expansive line of monitor, splitter, WDM and CWDM plug-in modules designed to meet all application needs. Please reference the **Value-Added Module (VAM) System Catalog #101663AE** for details at www.adc.com or contact ADC Customer Service.

Outside Plant Splitter System

For outside plant splitter solutions, please reference **OmniReach® FTTX Solutions-Passive Optical Splitter Modules Catalog #102902AE** at www.adc.com or contact ADC Customer Service.

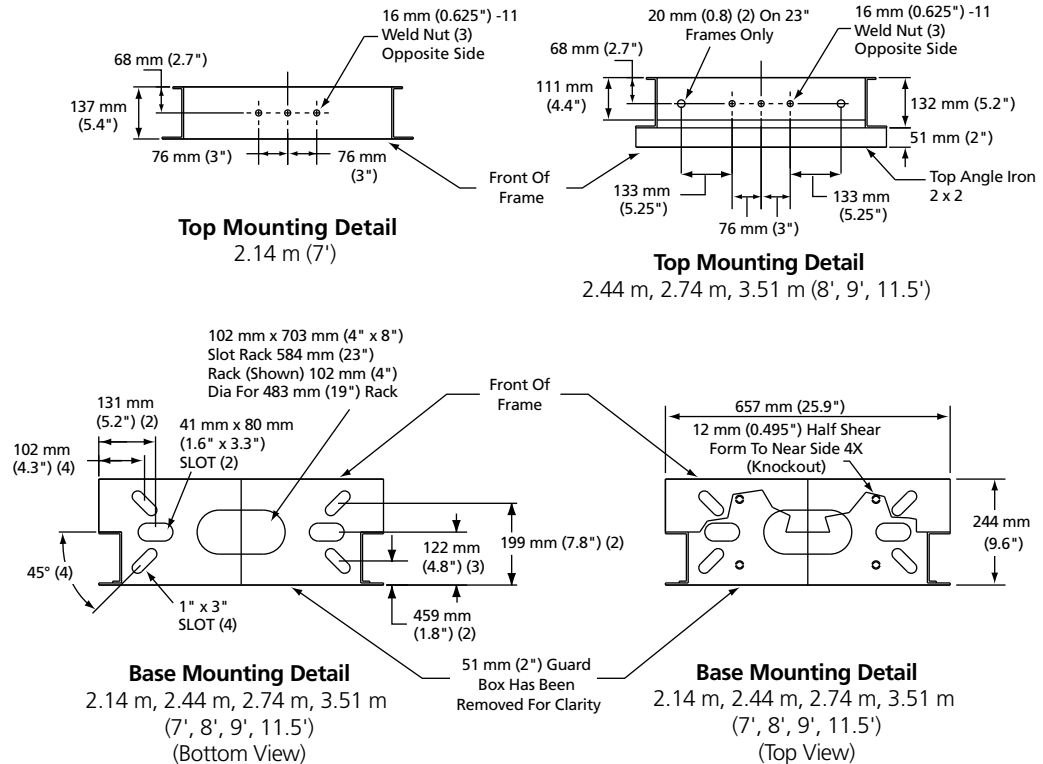


LSX Optical Distribution Frame

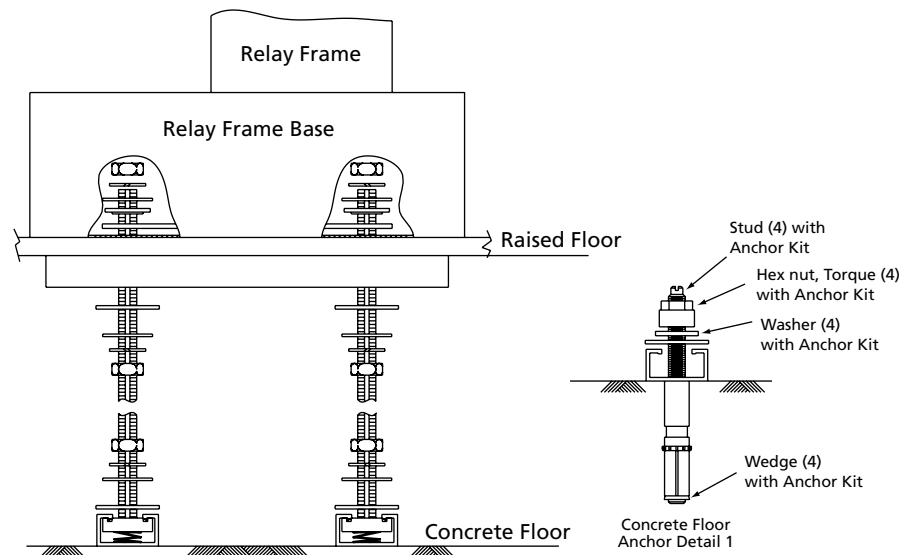
Frame Accessories

Frame Installation Kit

4/11 • 103742AE Optical Distribution Frames



Network Type Unequal Flange Frame Mounting Details



Underfloor Mounting Kit

Ordering information follows on the next page.

Traditional Frame Solutions



LSX Optical Distribution Frame

Frame Accessories

Frame Installation Kit

Frame installation kits may be used on network frames and are seismic zone 4 rated.

Ordering Information

Description	Catalog Number
Frame installation kit for 2.14 m (7') frames, includes; 1 floor mounting kit 1 top attachment kit for 2.14 m (7') frames 12 frame tie brackets kits 1 frame ground kit for 2.14 m (7') frames	RINST-DSX7-XX*
Frame installation kit for 2.74 m (9') and 3.51 m (11.5') frames, includes; 1 floor mounting kit 1 top attachment kit for 2.74 m (9') and 3.51 m (11.5') frames 22 frame tie brackets kits 1 frame ground kit for 2.74 m (9') and 3.51 m (11.5') frames	RINST-DSX9-XX*
Universal anchor kit, for all UEF frames includes; 4 anchor assemblies 2 universal hold down bars 8 anchor plate washers 8 shim plates 2 mm (0.063") 4 shim plates 3 mm (0.125")	RINST-FLR
Isolation Pad accomodates: 1 UEF 23" network frame 2 end guards 2 interbay management panels	FDF-ISOTEMPLATE
Underfloor mounting kit	
1/2" threaded rod	RINST-DSXRFL-PW
5/8" threaded rod	FDF-ACC146

*Substitute XX with NB for network blue, PW for putty white.



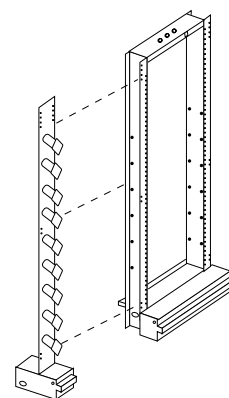
LSX Optical Distribution Frame

Frame Accessories

Interbay Management Panel

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Interbay Management Panel (IMP)	2.14 m x 127 mm x 305 mm (7' x 5" x 12")	E-501-L139-A



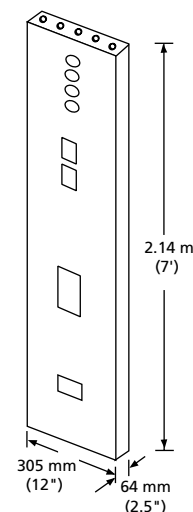
Interbay
Management Panel

End Guard

End guards provide protection and a finished appearance at the start and end of frame lineups. They attach to either a frame or an interbay management panel. End guards serve as a mounting place for outlets and switches and are used interchangeable for either left or right applications.

Ordering Information

Description	Catalog Number
End guard Mounts on IMP or network frame 2.14 m x 64 mm x 305 mm (7' H x 2.5" W x 12" D)	UEGP-7PW



End Guard

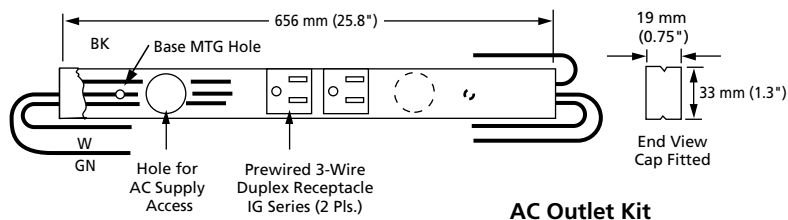


LSX Optical Distribution Frame

Frame Accessories

AC Outlet Kit and Raceway

The AC outlet kit provides the hardware for mounting AC power outlets on the frame. Each kit includes a prewired AC power outlet strip that mounts at the bottom of the frame. Raceways for routing the power wires to the outlet strip are also available.



AC Outlet Kit

Ordering Information

Description	Catalog Number
AC outlet kit	ACOK-PWNB
AC raceway	
656 mm (25.8"); used for frames which do not require AC power	ACB-PWNB
127 mm (5"); used with AC outlet kit when frames are spaced 127 mm (5")	AC-PWNB-RS5*

* This raceway must be ordered with each interbay management panel when an AC outlet is ordered.

Rack Extenders

This accessory is designed to extend the top of a 7-foot non-seismic UEF rack to the appropriate height overhead.

Ordering Information

Description	Catalog Number
12"H Network-style rack extender, WECO, PW	RAC-0X0337
24"H Network-style rack extender, WECO, PW	RAC-0X0229
54"H Network-style rack extender, WECO, PW	RAC-0X0230
56"H Network-style rack extender, WECO, PW	RAC-0X0338



LSX Optical Distribution Frame

Panel Accessories

Splice Tray

Each splice tray is purchased separately.

Ordering Information

Description	Catalog Number
Splice tray; 12 splices per tray	
Mass fusion ribbon	FST-F3DF-MT-D*
Heat shrink (single fiber fusion)	FST-F3DF-HS
Bare fusion	FST-F3DF-FT
Mechanical (mass fusion)	FST-F3DF-MT
Nortel QPAK	FST-F3DF-NT

* Use only one FST-F3DF-MT-D per splice drawer (24 splices per tray).

Use trays with the LSX splice panel only (page 79). Note: Trays can not be used in preterminated LSX splice panels (pages 77-78). Preterminated LSX splice panels already include splice trays. Additional splice trays for the preterminated panels are listed on page 67.



Splice Tray

Cable Clamp Kit and Cable Ring Kit

The cable clamp kit provides a means of securing the end of an OSP or IFC cable to the side of an LSX panel. The cable ring protects and manages jumpers on the frame.

Ordering Information

Description	Catalog Number
Cable clamp kit includes 1 dual bracket and 1 cable clamp	LSX-CBLCLMPKIT
Cable ring kit includes 2 cable rings and appropriate hardware	LSX-ACCVCCKIT

Standard Cross-Connect Patch Cord Lengths

Number of Frames	Approximate Patch Cord Length Meters (Feet)
1	4 m and 6 m (13.1' and 19.7')
2	6 m (19.7')
3	6 m and 7 m (19.7' and 23')
4	7 m and 8 m (23' and 26.2')
5	8 m and 9 m (26.2' and 29.5')
6	9 m (29.5')

For recommended cross-connect methods and installation instructions, refer to LSX User Manual ADCP-93-089.

Ordering Information for Patch Cords and Attenuators

ADC offers a comprehensive line of cable assembly and accessory products including patch cords, IFC assemblies, attenuators, FasTerm® connectors and adapters to meet the demanding needs of today's network. Please refer to the **Fiber Cable Assemblies Catalog #102880AE** at www.adc.com for more detailed information. For your convenience, ordering information for patch cords and attenuators can also be found on pages 103-108.



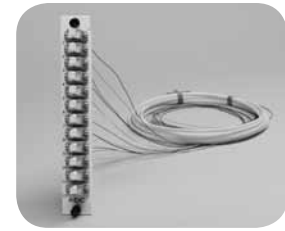
LSX Optical Distribution Frame

Panel Accessories

Adapter Pack

For loading into an LSX adapter-only panel or VAM chassis.

See VAM catalog 101663AE or OmniReach FTTX Solutions Passive Optical Splitter Modules Catalog #102902AE for empty VAM chassis catalog numbers.



12 Pack
(SC ultra polish adapters shown with pigtails)

Catalog Number

LSX-

Adapter Pack Capacity

6P	6 pack for 72-position panel (7"H)
8P	8 pack for 96-position panel (7"H)
12P	12 pack for 144-position panel (9"H)
18P	18 pack for 216-position panel (10"H)

*FC connector style not available

Adapter Type

Singlemode	
7	SC ultra polish
L	SC angled polish
2	FC ultra polish
K	LC ultra polish ¹
M	LC angled polish ¹
Multimode (50/125 µm) Aqua	
T	SC
C	LC ¹

¹ LC Connectors do not double the density of the LSX panel